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COLOUR OF SALT MARSHES.

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1. The *Artemia salina* contributes only in a subordinate manner, and it may almost be said not at all, to this colouring.
2. It is owing to infusorial animalcules.
3. The *Hæmatococcus salinus* are only dead infusoria become globular.
4. The *Protococcus salinus* are the globules which escape from their bodies after death.

Upon the subject of the letter M. Audouin remarked, that being in company with M. Dunal in June 1838, he observed in the environs of Montpellier, in several of the ditches of the salt marshes whose waters appeared to be free from colour, *Artemia salina* of a red colour only. The intestinal canal of these little crustacea exhibited this colour, and it was owing to the matter which it contained. M. Audouin had previously witnessed a similar phenomenon in the *Artemiæ* which M. Payen brought under the notice of the Academy in 1836. Having put a score of them into fresh water in which he had dissolved sea-salt, he had an opportunity for a month

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DESCRIPTION OF A NEW SPECIES OF MELIPHAGA. BY M. DUBUS.

Meliphaga cincta, capite toto, collo, pectoreque nigris; fasciculo postoculari niveo; fascia pectorali et humeris flavis; parapteris, tetricibus mediis alarum prioribus et dorso nigris, plumis singulis flavo marginatis; posterioribus alarum tetricibus mediis albis, speculum formantibus; remigibus et rectricibus fusco-nigris, pogoniis externis flavo marginatis; abdomine pallide brunnescenti-cano.

Hab. New Zealand.

This species is remarkable from the length of the hairs which clothe the base of the bill and occiput at the origin of the nasal apertures. These hairs are somewhat stiff and extend over three-fourths of the length of the bill, which is slim, slightly curved and flat at its base. The wings are rounded; the first primary is very short; the second much shorter than the third, which is nearly equal to the fourth; the fifth is the longest of all. The tail is square, with feathers terminating in a point. The bill is black and the feet are brown. Entire length 7 inch., length of the bill from the suture to the apex 10 lin., of the tarsus 1 inch, of the middle digit 8 lin.—*Bulletin de l'Acad. Roy. de Bruxelles*, Avril 6, 1839.

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